

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: The prior art fails to disclose or suggest the claimed sensing fiber comprising an optical fiber for spatially extended deployment within a measurement region and the optical fiber incorporating a reflective element and a coiled fiber portion associated with the reflective element and positioned adjacent the reflective element on the side distal from the optical source, the coiled fiber portion contributing substantially nothing to the spatial extend of the optical fiber when deployed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Berg et al, Brininstool, and Hartog et al disclose different types of temperature sensors including fiber coil.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HEMANG SANGHAVI whose telephone number is (571)272-9955. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rodney Bovernick can be reached on (571) 272-2344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/HEMANG SANGHAVI/
Primary Examiner, Art Unit 2874

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